

Amendments to the Claims:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claims 1-25 (canceled).

Claim 26 (new): A scan type display optical system which scans light on a projection surface, comprising:

a mirror;

a first mechanism which scans the light in a first direction on the projection surface by rotating the mirror;

a second mechanism which scans the light in a direction different from the first direction on the projection surface; and

a third mechanism which rotates the first mechanism.

Claim 27 (new): The scan type display optical system according to claim 26, further comprising a projection optical system which has a plurality of optical surfaces including a reflective surface and guides the light reflected by the mirror to the projection surface,

wherein the mirror is substantially arranged at an entrance pupil position of the projection optical system.

Claim 28 (new): The scan type display optical system according to claim 26, wherein a two-dimensional image is formed on the projection surface by using the first and second mechanisms and the third mechanism rotates the first mechanism to move the display area of the two-dimensional image.

Claim 29 (new): The scan type display optical system according to claim 26, wherein the first mechanism resonantly swings the mirror.

Claim 30 (new): The scan type display optical system according to claim 26, wherein the rotational axis of the mirror substantially coincides with the rotational axis of the first mechanism.

Claim 31 (new): The scan type display optical system according to claim 26, further comprising a light guiding optical system which has a lens and guides the light to the mirror.

Claim 32 (new): The scan type image display apparatus comprising:

a scan type display optical system according to claim 26; and

a modulation device which guides a light modulated in accordance with an image signal to the mirror.